

ABSTRACT

A compact transformer coupled modulator is described. The modulator includes a transformer comprising a primary and a plurality of secondary windings, where each secondary winding has an output terminal. The modulator also includes a plurality of 5 switches, where each switch is associated with a respective secondary winding and has input and output terminals and a control terminal. The control terminal of each switch is in electrical communication with a respective output terminal of the plurality of secondary windings. Each of the plurality of switches is substantially simultaneously switched by an input signal applied to the primary.

10

Rauschen2516/8.835733-9